MIAMI-DADE COUNTY

DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES

http://www.miamidade.gov/building/home.asp

2/4/2015 12:12:18 PM

Tracking #	Process #	Permit #
0000791469	C2015053758	2015022484

THIS COPY OF PLANS MUST BE AVAILABLE ON BUILDING SITE OR AN INSPECTION WILL NOT BE MADE.			
Review	**Disposition**	**Reviewer**	**Date**
ROOF	A	Boris Sursky	2/3/2015 1:51:24 PM

Disclaimer.

Subject to compliance with all Federal, State, and County Laws, rules and regulations. Miami-Dade County assumes no responsibility for accuracy of or results of these plans.

NOTICE: In addition to the requirements of this permit, there may be additional restrictions applicable to the property that may be found in the public records of this county, and there may be additional permits required from other governmental entities such as water management districts, state agencies or federal agencies.

Stamp Name	Trade	Disposition	Stamp Description
Approved	ROOF	A	Approved
Disapproved	ROOF	D	Approved as noted. See comments, markups and stamps.

Miami Dade County Department of Regulatory And Economic Resources - Job Copy

0001151348 - 4/26/2016 1:41:03 PM

plans 04122016.pdf

Examiner	Date Time Stamp	Disp.	Trade	Stamp Name
Boris Sursky	4/18/2016 10:00:24 AM	A	ROOF	ROOF RE-ISSUE
Boris Sursky	4/18/2016 10:00:33 AM	A	ROOF	RF Revision Approved

2015022484 - Permit #

NOTE: ALL SHEETS MUST BE REVIEWED

DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES

Herbert S. Saffir Permitting and Inspection Center
11805 SW 26th Street (Coral Way), • Miami, Florida 33175-2474 • (786) 315-2000

C2015053758

PERMIT APPLICATION

IF SUBSIDIARY PROVIDE MASTER PERMIT NUMBER HERE

LOCATION OF IMPROVEMENTS
Job Address 19835 NE 11 Ct
Folio 30-2205-002-1550
Lot ______ Block ______
Subdivision ______ PBpg ______
Metes and bounds ______

CONTRACTOR INFORMATION
Contractor No. CCC 1328728
Last four (4) digits of Qualifier No. 6384
Contractor Name Victory Engineers & GC
Qualifier Name Vinayagan Balakrishnan
Address 7500 NW 25 St, Suite 2
City Miami State FL Zip 33122

TYPE OF IMPROVEMENTS
[ ] New Construction on Vacant Land
[ ] Alteration Interior
[ ] Alteration Exterior
[ ] Relocation of Structure
[ ] Short Term Event
[X] New Roof
[ ] Recovery (Roof)
[ ] Permit by Affidavit
[ ] Enclosure
[ ] Repair
[ ] Repair Due to Fire
[ ] Demolish
[ ] Shell Only
[ ] Addition Attached
[ ] Addition Detached
[ ] Re-Roof
[ ] Foundation Only

Current use of property ______
Description of Work Re-Roof
Sq. Ft. 1200 Units ______ Floors ______
Value of Work $6,000.00

PERMIT TYPE
[X] Building* Category 95
[ ] Electrical
[ ] Mechanical
[ ] Plumbing
[ ] LPGX

CHANGE TO AN EXISTING PERMIT
[ ] Chg. Contractor
[ ] Re-Issue
[ ] Extension
[ ] Supplement
[ ] Reinspection

OWNER'S NAME
Owner Max Palyukhina
Address 7500 NW 25th St
City Miami State FL Zip 33122
Phone 7863289812
Last four (4) digits of Owner's Social Security No. ______

PERSON TO PICK UP PLANS
Name Jimmy
Address 4567 N Pine Island Rd
City Sunrise State FL Zip 33351
Phone (561) 7566730

ARCHITECT ENGINEER
Name ______
Address ______
City ______ State ______ Zip ______
Phone ______

BONDING
Name ______
Address ______
City ______ State ______ Zip ______
Phone ______

1/20/15

0000791469

*See reverse side for Building Category

Application is hereby made to obtain a permit to do work and installation as indicated. I certify that no work or installation has commenced prior to the issuance of a permit and that all work will be performed to meet the standards of all laws regulating construction in this jurisdiction. I understand that separate permits are required for ELECTRICAL, PLUMBING, WORK and there may be additional permits required for other governmental entities.

OWNER'S/PERMIT APPLICANT AFFIDAVIT: I certify that all of the foregoing information is accurate and that I have no unpaid civil penalties, administrative hearing cost investigative, enforcement, testing or monitoring costs or unpaid liens which are owed to Miami-Dade County.

WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOU PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR ATTORNEY OR LENDER BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT.

"The issuance of the permit does not relieve the property owner from obtaining homeowner's association approval (if required) prior to beginning any work and in no way authorizes work that is in violation of any association rule or regulation."

Signature of Owner or Agent
PRINT NAME Max Palyukhina
STATE OF FLORIDA COUNTY OF MIAMI-DADE
Sworn to and subscribed before me this ___ day of ___ 20 15
by Jimmy
Signature of Notary Public
Print Name
Personally known ___ or Produced Identification ___

ORLANDO LEON MEJIA
Commission # EE 178036
My Commission Expires March 30, 2016

Signature of Qualifier
PRINT NAME Vinayagan Balakrishnan
STATE OF FLORIDA COUNTY OF MIAMI-DADE
Sworn to and subscribed before me this 26 day of Jan 2015
by
Signature of Notary Public
Print Name
(SEAL)
Personally known ___ or Produced Identification ___

ORLANDO LEON MEJIA
Commission # EE 178036
My Commission Expires March 30, 2016

Permit Records Section
Scanned by ______
Date ______

Miami Dade County Department of Regulatory And Economic Resources Job Copy
0001151348 - 4/26/2016 1:11:03 PM
plans 04122016.pdf
Examiner Date Time Stamp Disp. Trade Stamp Name
Boris Smsky 4/18/2016 10:00:24 AM ROOF ROOF RE-ISSUE
Boris Smsky 4/18/2016 10:00:33 AM A ROOF RF Revision Approved

Florida Building Code Edition 2010
High Velocity Hurricane Zone Uniform Permit Application Form

Section A (General Information)

Master Permit No. _____ Process No. _____

Contractor's Name: Victory Engineers and Etc LLC

Job Address 1935 NE 11 ct 33179 Miami FL

ROOF CATEGORY

☐ Low Slope ☐ Mechanically Fastened Tile ☐ Mortar/Adhesive Set Tile
☑ Asphaltic Shingles ☐ Metal Panel/Shingles ☐ Wood Shingles/Shakes

☐ Prescriptive BUR-RAS 150

ROOF TYPE

☐ New Roof ☑ Reroofing ☐ Recovering ☐ Repair ☐ Maintenance

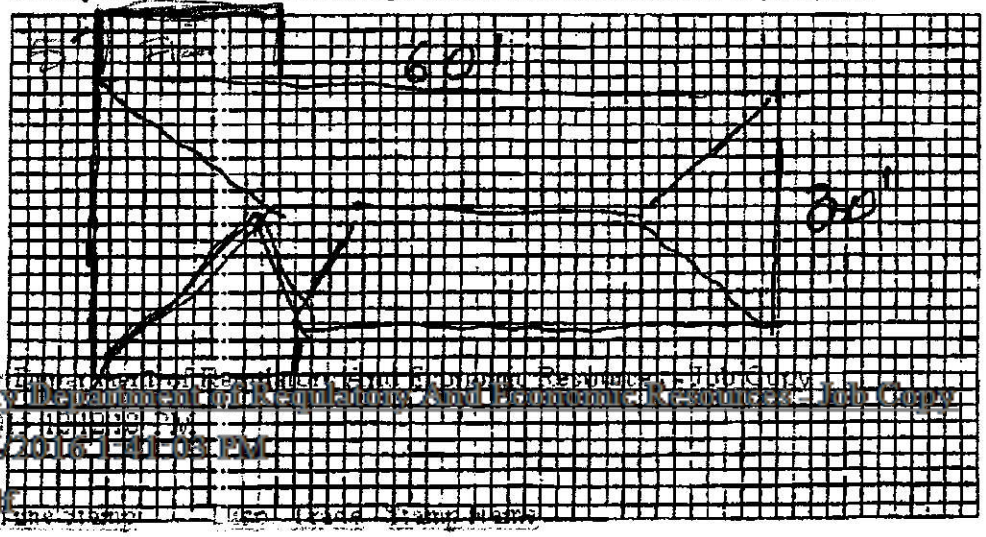
ROOF SYSTEM INFORMATION

Low Slope Roof Area (SF)	Steep Sloped Roof Area (SF)	Total (SF)
		1800

1/24/13

SECTION B (Roof Plan)

Sketch Roof Plan: Illustrate all levels and sections, roof drains, scuppers, overflow scuppers and overflow drains. Include dimensions of sections and levels, clearly identify dimensions of elevated pressure zones and location of parapets.



Permit Section
Scanned by
Date 04/12/16

Florida Building Code Edition 2010
High Velocity Hurricane Zone Uniform Permit Application Form

Section D (Steep Sloped Roof System)

Roof System Manufacturer: Royal Sol.	
Product Approval Number: ~~11-0413.10~~ 12-1127.03	
Minimum Design Wind Pressures, If Applicable (From RAS 127 or Calculations): P1: -49.2 P2: -82.6 P3: -124.3	
Maximum Design Pressure Product Approval Specific System:	
Method of Tile Attachment:	

Steep Sloped System Description

Roof Slope: 5 : 12

Ridge Ventilation? N/A

Mean Roof Height: 20

Deck Type:	5/8 plywood
Type Underlayment:	30 lb. Asphalt paper
Insulation:	N/A
Fire Barrier:	N/A
Fastener Type & Spacing:	1¼ R.S. nails
Adhesive Type:	N/A
Type Cap Sheet:	N/A
Roof Covering:	Royal Sol.
Type & Size Drip Edge:	26 ga

MIAMI-DADE

DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599

NOTICE OF ACCEPTANCE (NOA)

GAF
1361 Alps Road.
Wayne, NJ 07470

SCOPE:
This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER - Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.
This product is approved as described herein, and has been designed to comply with the Florida Building Code including the High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: GAF Royal Sovereign® Shingle

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This renews and revises NOA #12-0313.11 and consists of pages 1 through 4.
The submitted documentation was reviewed by Alex Tigera.

Permit Records Section
Scanned by: DPX
Date: 04/12/16

NOA No.: 12-1127.03
Expiration Date: 04/22/18
Approval Date: 04/18/13

ROOFING ASSEMBLY APPROVAL

Category:	Roofing
Sub-Category:	Asphalt Shingles
Materials	3-Tab
Deck Type:	Wood

SCOPE

This approves **GAF Royal Sovereign® Shingle** as manufactured by GAF as described in this Notice of Acceptance, designed to comply with the Florida Building Code and the High Velocity Hurricane Zone of the Florida Building Code.

PRODUCT DESCRIPTION

Product	Dimensions	Test Specifications	Product Description
GAF Royal Sovereign® Shingle	12" x 36"	TAS 110	Fiberglas reinforced heavy weight asphalt roof shingle, with a 3-Tab profile

MANUFACTURING LOCATIONS

1. Savannah, GA.
2. Tuscaloosa, AL.
3. Tampa, FL.
4. Mt. Vernon, IN.
5. Mobile, AL.
6. Dallas, TX.
7. Myerstown, PA.
8. Fontana, CA.
9. Minneapolis, MN.

EVIDENCE SUBMITTED

Test Agency	Test Identifier	Test Name/Report	Date
Center for Applied Engineering	TAS 100		02/23/94
	ASTM D3462	257966	03/21/97
PRI Asphalt Technologies, Inc.	TAS 100	GAF-105-02-01	11/14/05
	TAS 100	GAF-182-02-01	02/07/08
PRI Construction Materials Technologies, Inc.	TAS 100	GAF-332-02-01	01/17/12
	TAS 100	GAF-376-02-01	10/15/12
	TAS 100	GAF-153-02-01	11/30/06
Underwriters Laboratories, Inc.	TAS 107	05CA48258	11/28/05
	TAS 107	05CA47804	11/11/05
	TAS 107	08NK02337	03/12/08
	TAS 107	08NK12906	10/10/08
	TAS 107	[illegible]	12/03/11
	[illegible]	[illegible]	09/28/10
	ASTM D 3161 / TAS 107	09CA38549	10/30/09

NOA No.: 12-1127.03
Expiration Date: 04/22/18
Approval Date: 04/18/13

ASTM D 3462	ASTM D3462	09/12/06
ASTM D 3462	08NK02337	03/12/08
ASTM D 3462	09CA21715	05/20/09
ASTM D 3462	08CA61515	07/15/09
ASTM D 3462	11CA47919	12/03/11

LIMITATIONS

1. Fire classification is not part of this acceptance; refer to a current Approved Roofing Materials Directory for fire ratings of this product.
2. Shall not be installed on roof mean heights in excess of 33 ft.
3. All products listed herein shall have a quality assurance audit in accordance with the Florida Building Code and Rule 9N-3 of the Florida Administrative Code.

INSTALLATION

1. Shingles shall be installed in compliance with Roofing Applications Standard RAS-115.
2. Flashing shall be in accordance with Roofing Applications Standard RAS-115.
3. The manufacturer shall provide clearly written application instruction.
4. Exposure and course layout shall be in compliance with Detail "A", attached.
5. Nailing shall be in compliance with Detail "B", attached.

LABELING

1. Shingles shall be labeled with the Miami-Dade Seal as seen below, or the wording "Miami-Dade County Product Control Approved".

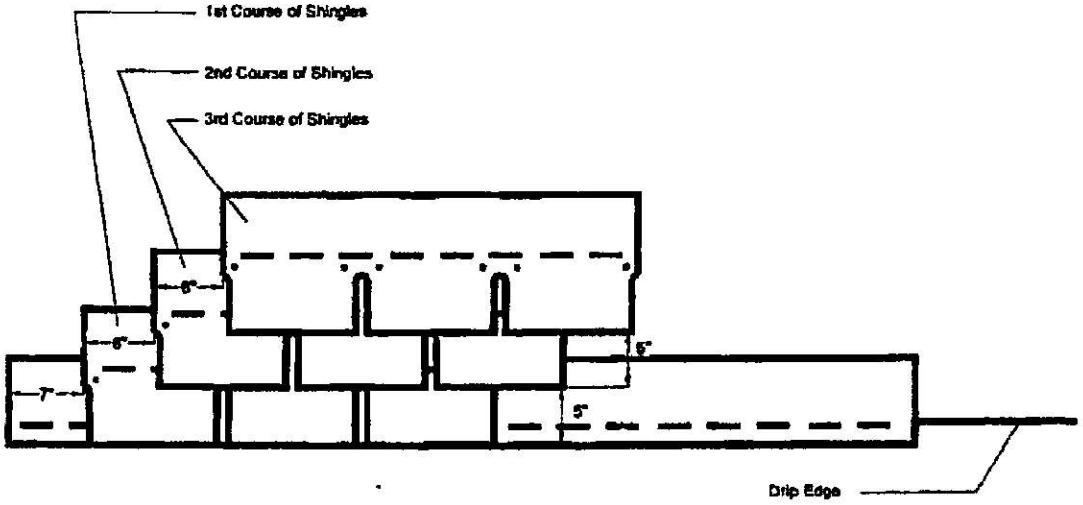
MIAMI-DADE COUNTY APPROVED

BUILDING PERMIT REQUIREMENTS

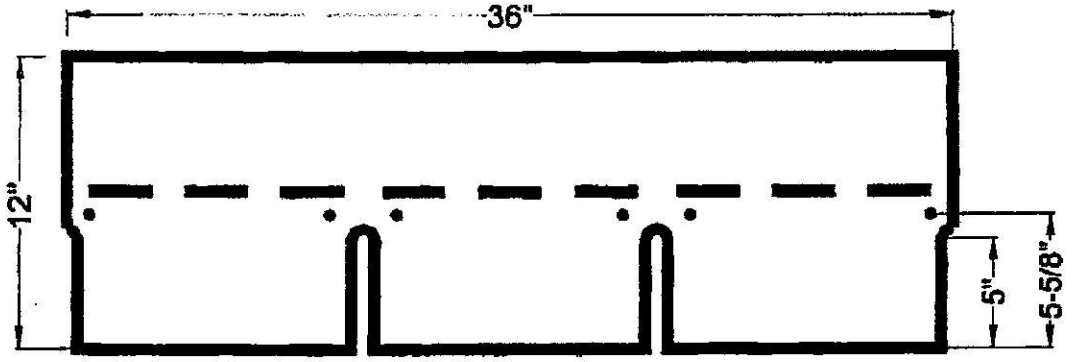
1. Application for building permit shall be accompanied by copies of the following:
   1.1 This Notice of Acceptance.
   1.2 Any other documents required by the Building Official or the applicable code in order to properly evaluate the installation of this system.

Permit Records Section
Scanned by [signature]
Date [handwritten date]

DETAIL A
COURSE LAYOUT



DETAIL B
OVERALL DIMENSIONS AND NAILING PATTERN



END OF THIS ACCEPTANCE

ROOFING APPLICATION STANDARD (RAS) No. 127

PROCEDURE FOR DETERMINING THE MOMENT OF RESISTANCE AND MINIMUM CHARACTERISTIC RESISTANCE LOAD TO INSTALL A TILE SYSTEM ON A BUILDING OF A SPECIFIED ROOF SLOPE AND HEIGHT

1. Scope

This standard covers the procedure for determining the Moment of Resistance (M_r) and Minimum Characteristic Resistance Load (F') to install a tile system on buildings of a specified roof slope and height. Compliance with the requirements and procedures herein specified, where the pressures (P_{net}) have been determined based on Table 1 or Table 2 of this standard, as applicable, do not require additional signed and sealed engineering design calculation. All other calculations must be prepared, signed and sealed by a professional engineer or registered architect. Table 1 is applicable to a wind speed of 175 mph, risk category II buildings, and exposure category C. Table 2 is applicable to a wind speed of 175 mph, risk category II buildings, and exposure category D.

2. How to determine the Moment Resistance (M_r) (Moment Based Systems)

2.1 Determine the minimum design wind pressures for the field, perimeter and corner areas ($P_{net}1$, $P_{net}2$ and $P_{net}3$, respectively) using the values given in Table 1 or Table 2, as applicable, or those obtained by engineering analysis prepared, signed and sealed by a professional engineer or registered architect based on ASCE 7.

2.2 Locate the aerodynamic multiplier (λ) in the Product Approval.

2.3 Determine the restoring moment due to gravity (M_g) per Product Approval.

2.4 Determine the attachment resistance (M_t) per Product Approval.

2.5 Determine the Moment of Resistance (M_r) per following formula:

$$M_r = (P_{net} \times \lambda) - M_g$$

2.6 Compare the values for M_r with the values for M_t noted in the Product Approval. If the M_t values are greater than or equal to the M_r values, for each area of the roof [i.e., field $P_{net}(1)$, perimeter $P_{net}(2)$ and corner $P_{net}(3)$ areas], then the tile attachment method is acceptable.

3. How to determine the Minimum Characteristic Resistance Load (F') (Uplift Based System)

3.1 Determine the minimum design pressures for the field, perimeter and corner areas [$P_{net}(1)$, $P_{net}(2)$ and $P_{net}(3)$, respectively] using the values given in Table 1 or Table 2, as applicable, or those obtained by engineering analysis prepared, signed and sealed by a professional engineer or registered architect based on the criteria set forth in ASCE 7.

3.2 Determine the angle (θ) of roof slope, from Table 1 or Table 2, as applicable.

3.3 Determine the length (l), width (w) and average tile weight (W) of tile, per Product Approval.

3.4 Determine the required uplift resistance (F_r) per following formula:

$$F_r = [(P_{net} \times l \times w) - W] \times \cos\theta$$

3.5 Compare the values for F_r with the values for F' noted in the Product Approval. If the F' values are greater than or equal to the F_r values, for each area of roof [i.e., field $P_{net}(1)$ perimeter ($P_{net}(2)$ and corner $P_{net}(3)$ areas], then the tile attachment method is acceptable.

TABLE 1 — RISK CATEGORY II EXPOSURE CATEGORY "C"[1]
MINIMUM DESIGN WIND UPLIFT PRESSURES IN PSF FOR FIELD [$P_{net}(1)$], PERIMETER [$P_{net}(2)$] AND CORNER [$P_{net}(3)$] AREAS OF ROOFS FOR EXPOSURE C BUILDINGS WITH A ROOF MEAN HEIGHT AS SPECIFIED[3]

ROOF SLOPE	> 2:12 to ≤ 6:12			> 6:12 to ≤12:12	
Roof mean height	$P_{net}(1)$	$P_{net}(2)$	$P_{net}(3)$[2]	$P_{net}(1)$	$P_{net}(2)$ & $P_{net}(3)$
≤ 20'	-39.1	-68.1	-100.7	-42.8	-50.0
>20' to ≤ 25'	-40.9	-71.3	-105.4	-44.8	-52.3
>25' to ≤ 30'	-42.4	-73.9	-109.3	-46.4	-54.3
>30' to ≤ 35'	-43.9	-76.6	-113.2	-48.1	-56.2
>35' to ≤ 40'	-45.1	-78.7	-116.3	-49.4	-57.8

[1] Calculated in accordance with ASCE 7.
[2] For Hip Roofs with slope ≤ 5.5: 1, $P_{net}(3)$ shall be treated as $P_{net}(2)$.
[3] $P_{net} = 0.6P_{ult}$

TABLE 2 — RISK CATEGORY II EXPOSURE CATEGORY "D"[1]
MINIMUM DESIGN WIND UPLIFT PRESSURES IN PSF FOR FIELD [$P_{net}(1)$], PERIMETER [$P_{net}(2)$] AND CORNER [$P_{net}(3)$] AREAS OF ROOFS FOR EXPOSURE D BUILDINGS WITH A ROOF MEAN HEIGHT AS SPECIFIED[3]

ROOF SLOPE	> 2:12 to ≤ 6:12			> 6:12 to ≤12:12	
Roof mean height	$P_{net}(1)$	$P_{net}(2)$	$P_{net}(3)$[2]	$P_{net}(1)$	$P_{net}(2)$ & $P_{net}(3)$
≤ 20'	-47.0	-81.9	-121.0	-51.4	-60.1
>20' to ≤ 25'	-48.8	-85.0	-125.7	-53.4	-62.4
>25' to ≤ 30'	-50.3	-87.7	-129.6	-55.0	-64.4
>30' to ≤ 35'	-51.5	-89.9	-132.7	-56.4	-65.9
>35' to ≤ 40'	-52.7	-91.9	-135.8	-57.7	-67.9

[1] Calculated in accordance with ASCE 7.
[2] For Hip Roofs with slope ≤ 5.5: 1, $P_{net}(3)$ shall be treated as $P_{net}(2)$.
[3] $P_{net} = 0.6P_{ult}$

ROOFING APPLICATION STANDARD (RAS) No. 128

STANDARD PROCEDURE FOR DETERMINING APPLICABLE WIND DESIGN PRESSURES FOR LOW SLOPE ROOF

1. Scope

1.1 This roofing application standard has been developed to provide a responsive method of complying with the requirements of Chapters 15 & 16 (High-Velocity Hurricane Zones) of the *Florida Building Code, Building*. Compliance with the requirements and procedures herein specified, where the pressures (P_{asd}) have been determined based on Table 1 or 2, of this standard, as applicable, do not require additional signed and sealed engineering design calculations. All other calculations must be prepared, signed and sealed by a professional engineer or registered architect.

2. Definitions

2.1 For definitions of terms used in this application standard, refer to ASTM D 1079 and the *Florida Building Code, Building*.

3. Applicability

3.1 This application standard applies to:
- a. exposure C and D category buildings; and
- b. building heights of less than or equal to 40 feet; and
- c. roof incline (pitch) is not greater than $^1/_2$ in.:12 in.
- d. risk category II buildings

3.2 Using Table 1 or 2 below, as applicable, determine the minimum design pressure for each respective roof area, which corresponds to the applicable roof height range.

3.3 Referencing the selected Roof Assembly Product Approval, check that the listed maximum allowable design pressure for the particular approved system meets or exceeds those listed in Table 1 or Table 2 above, as applicable.

TABLE 1 — RISK CATEGORY II EXPOSURE CATEGORY "C"[1,2]
MINIMUM DESIGN WIND UPLIFT PRESSURES, IN PSF FOR FIELD [$P_{asd}(1)$], PERIMETER [$P_{asd}(2)$] AND CORNER [$P_{asd}(3)$] AREAS OF ROOFS FOR EXPOSURE "C" BUILDINGS

Roof mean height (below)	$P_{asd}(1)$ (Field)	$P_{asd}(2)$ (Perimeter)	$P_{asd}(3)$ (Corners)
20	-42.8	-71.7	-108.0
25	-44.8	-75.1	-113.0
30	-46.4	-77.8	-117.2
35	-48.1	-80.6	-121.3
40	-49.4	-82.9	-124.7

[1] Calculated in accordance with ASCE 7.
[2] $P_{asd} = 0.6P_{ult}$

TABLE 2 — RISK CATEGORY II EXPOSURE CATEGORY "D"[1,2]
MINIMUM DESIGN WIND UPLIFT PRESSURES, IN PSF FOR FIELD [$P_{asd}(1)$], PERIMETER [$P_{asd}(2)$] AND CORNER [$P_{asd}(3)$] AREAS OF ROOFS FOR EXPOSURE "D" BUILDINGS

Roof mean height (below)	$P_{asd}(1)$ (Field)	$P_{asd}(2)$ (Perimeter)	$P_{asd}(3)$ (Corners)
20	-53.4	-89.5	-134.7
30	-55.0	-92.3	-138.9
35	-56.4	-94.5	-142.3
40	-57.7	-96.8	-145.6

[1] Calculated in accordance with ASCE 7.
[2] $P_{asd} = 0.6P_{ult}$

Owner's Notification Form HVHZ 2010

MIAMI-DADE COUNTY

"Delivering Excellence Every Day"

SECTION 1524

HIGH VELOCITY HURRICANE ZONES– REQUIRED OWNERS NOTIFICATION FOR ROOFING CONSIDERATIONS

1524.1 Scope. As it pertains to this section, it is the responsibility of the roofing contractor to provide the owner with the required roofing permit, and to explain to the owner the content of this section. The provisions of Chapter 15 of the ***Florida Building Code, Building*** govern the minimum requirements and standards of the industry for roofing system installations. Additionally, the following items should be addressed as part of the agreement between the owner and the contractor. The owner's initial in the designated space indicates that the item has been explained.

M.P **1. Aesthetics-workmanship:** The workmanship provisions of Chapter 15 (High Velocity Hurricane Zone) are for the purpose of providing that the roofing system meets the wind resistance and water intrusion performance standards. Aesthetics (appearance) are not a consideration with respect to workmanship provisions. Aesthetic issues such as color or architectural appearance, that are not part of a zoning code, should be addressed as part of the agreement between the owner and the contractor.

M.P **2. Renailing wood decks:** When replacing roofing, the existing wood roof deck may have to be renailed in accordance with the current provisions of Chapter 16 (High Velocity Hurricane Zones) of the Florida Building Code. (The roof deck is usually concealed prior to removing the existing roof system).

M.P **3. Common roofs:** Common roofs are those which have no visible delineation between neighboring units (i.e. townhouses, condominiums, etc.). In buildings with common roofs, the roofing contractor and/or owner should notify the occupants of adjacent units of roofing work to be performed.

M.P **4. Exposed ceilings:** Exposed, open beam ceilings are where the underside of the roof decking can be viewed from below. The owner may wish to maintain the architectural appearance; therefore, roofing nail penetrations of the underside of the decking may not be acceptable. The owner provides the option of maintaining this appearance.

M.P **5. Ponding water:** The current roof system and/or deck of the building may not drain well and may cause water to pond (accumulate) in low-lying areas of the roof. Ponding can be an indication of structural distress and may require the review of a professional structural engineer. Ponding may shorten the life expectancy and performance of the new roofing system. Ponding conditions may not be evident until the original roofing system is removed. Ponding conditions should be corrected.

M.P **6. Overflow scuppers (wall outlets):** It is required that rainwater flow off so that the roof is not overloaded from a build up of water. Perimeter/edge walls or other roof extensions may block this discharge if overflow scuppers (wall outlets) are not provided. It may be necessary to install overflow scuppers in accordance with the requirements of: Chapter 15 and 16 herein and the ***Florida Building Code, Plumbing.***

M.P **7. Ventilation:** Most roof structures should have some ability to vent natural airflow through the interior of the structural assembly (the building itself). The existing amount of attic ventilation shall not be reduced. **Exception:** Attic spaces, designed by a Florida-licensed engineer or registered architect to eliminate the attic venting, venting shall not be required.

Permit Records Section
Scanned by 2/11/16
Date

Owner's/Agent's Signature: [signature] Date: 1 / 26 / 16

Contractor's Signature: [signature] Permit Number:

Property Address:

Examiner	Date	Time	Stamp	Disp	Trade	Stamp Name
Louis Sucky	4/18/2016	10:00:24 AM	A		ROOF	ROOF RF ISSUE
Louis Sucky	4/18/2016	10:00:33 AM	A		ROOF	RF Revision Approved

Permit Records Section
Scanned by [signature]
Date: 2/3/2015

Florida Building Code Edition 2010
High Velocity Hurricane Zone Uniform Permit Application Form

Section A (General Information)

Master Permit No. _____ Process No. _____

Contractor's Name: Victory Engineers and Elec LLC

Job Address 1935 NE 11 ct 33179, Miami FL

ROOF CATEGORY

☑ Low Slope ☐ Mechanically Fastened Tile ☐ Mortar/Adhesive Set Tile
☐ Asphaltic Shingles ☐ Metal Panel/Shingles ☐ Wood Shingles/Shakes

☐ Prescriptive BUR-RAS 150

ROOF TYPE

☐ New Roof ☑ Reroofing ☐ Recovering ☐ Repair ☐ Maintenance

ROOF SYSTEM INFORMATION

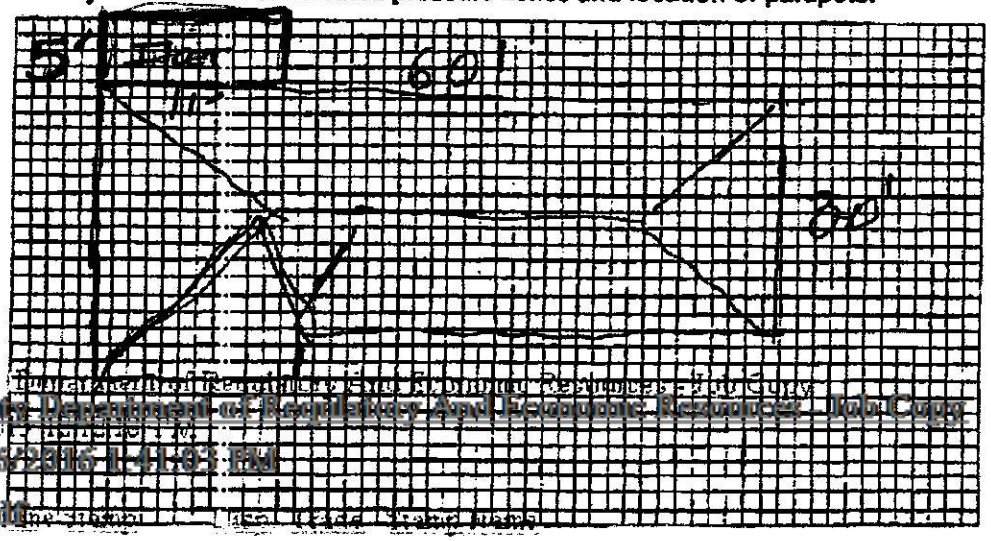
Low Slope Roof Area (SF)	Steep Sloped Roof Area (SF)	Total (SF)
55	1800	1855

Revise to add flat 4/11/16.

1/24/17

SECTION B (Roof Plan)

Sketch Roof Plan: Illustrate all levels and sections, roof drains, scuppers, overflow scuppers and overflow drains. Include dimensions of sections and levels, clearly identify dimensions of elevated pressure zones and location of parapets.



Permit Records Section
Scanned by BJ
Date 04/12/16

Florida Building Code 5th Edition (2014)

High-Velocity Hurricane Zone Uniform Permit Application Form.

Section C (Low Slope Application)

Fill in specific roof assembly components and identify manufacturer
(If a component is not used, identify as "NA")

System Manufacturer: GAF

Product Approval No. 13-1022.15

Design Wind Pressures, From RAS 128 or Calculations:
Pmax1: 42.8 Pmax2: 71.9 Pmax3: 108.0

Max. Design Pressure, from the specific Product Approval system: 52.5

Deck:
Type: WOOD
Gauge/Thickness: 5/8" min
Slope: 1/8 : 12

Anchor/Base Sheet & No. of Ply(s): N/A

Anchor/Base Sheet Fastener/Bonding Material:

Insulation Base Layer: N/A

Base Insulation Size and Thickness:

Base Insulation Fastener/Bonding Material:

Top Insulation Layer: N/A

Top Insulation Size and Thickness:

Top Insulation Fastener/Bonding Material:

Base Sheet(s) & No. of Ply(s): (1) #75 GAF Glas

Base Sheet Fastener/Bonding Material: 1 1/4 RS nails w/ 1 5/8 Tincaps

Ply Sheet(s) & No. of Ply(s): (2) Ply IV

Ply Sheet Fastener/Bonding Material: Steep Asphalt

Top Ply: (1) mineral surfaced cap

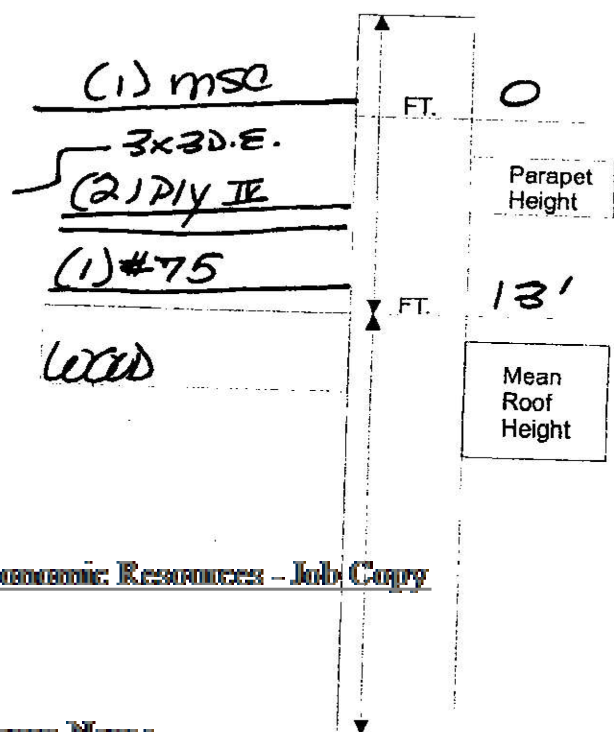
Top Ply Fastener/Bonding Material: Steep Asphalt

Surfacing: N/A

Fastener Spacing for Anchor/Base Sheet Attachment:
Field: 9" oc @ Lap, # Rows 4 @ 9" oc
Perimeter: 6" oc @ Lap, # Rows 4 @ 6" oc
Corner: 6" oc @ Lap, # Rows 4 @ 6" oc

Number of Fasteners Per Insulation Board:
Field ____ Perimeter ____ Corner ____ N/A

Illustrate Components Noted and Details as Applicable:
Woodblocking, Gutter, Edge Termination, Stripping, Flashing, Continuous Cleat, Cant Strip, Base Flashing, Counter-Flashing, Coping, Etc.
Indicate: Mean Roof Height, Parapet Height, Height of Base Flashing, Component Material, Material Thickness, Fastener Type, Fastener Spacing or Submit



MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786)315-2590 F (786) 31525-99
www.miamidade.gov/economy

DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION

NOTICE OF ACCEPTANCE (NOA)

GAF
1361 Alps Road
Wayne, NJ 07470

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER - Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code including the High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: GAF Conventional Built-Up Roof Systems for Wood Decks.

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: Copies of this Notice of Acceptance shall be furnished by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA renews and revises NOA No. 13-0424.09 and consists of pages 1 through 16.

The submitted documentation was reviewed by Jorge L. Acebo.

Membrane Type: BUR

Deck Type 1: Wood, Non-insulated

Deck Description: 19/32" or greater plywood or wood plank decks

System Type E: Base sheet mechanically fastened.

All General and System Limitations shall apply.

Fire Barrier: (optional) FireOut™ Fire Barrier Coating, VersaShield® Fire Resistant Roof Deck Protection or Securock™ Gypsum Fiber Roof Board.

Base sheet: GAFGLAS® #80 Ultima™ Base Sheet, Stratavent® Eliminator™ Nailable Venting Base Sheet, Ruberoid® 20, Ruberoid® SBS Heat-Weld™ Smooth or Ruberoid® SBS Heat-Weld™ 25 base sheet mechanically fastened to deck as described below;

Fastening Options:

GAFGLAS® Ply 4, GAFGLAS® FlexPly™ 6, GAFGLAS® #75 Base Sheet or any of above base sheets attached to deck with approved annular ring shank nails and tin caps at a fastener spacing of 9" o.c. at the lap staggered and in two rows 12" o.c. in the field.
(Maximum Design Pressure –45 psf. See General Limitation #7)

GAFGLAS® Ply 4, GAFGLAS® FlexPly™ 6, GAFGLAS® #75 Base Sheet or any of above base sheets attached to deck with Drill-Tec™ #12 Fastener or Drill-Tec™ #14 and Drill-Tec™ 3" Steel Plate, Drill-Tec™ AccuTrac® Flat Plate or Drill-Tec™ AccuTrac® Recessed Plate 12" o.c. in 3 rows. One row is in the 2" side lap. The other rows are equally spaced approximately 12" o.c. in the field of the sheet.
(Maximum Design Pressure –45 psf. See General Limitation #7)

GAFGLAS® Flex Ply™ 6, GAFGLAS® #75 Base Sheet or any of above base sheets attached to deck with approved annular ring shank nails and tin caps at a fastener spacing of 9" o.c. at the 4" lap staggered and in two rows 9" o.c. in the field.
(Maximum Design Pressure –52.5 psf. See General Limitation #7)

GAFGLAS® #80 Ultima™ Base Sheet, Ruberoid® 20, Ruberoid® Mop Smooth, base sheet attached to deck with approved 1¼" annular ring shank nails and inverted 3" steel plate at a fastener spacing of 9" o.c. at the 4" lap and in two rows staggered with a fastener spacing of 9" o.c. in the center of the membrane.
(Maximum Design Pressure –60 psf. See General Limitation #7)

GAFGLAS® #75 Base Sheet or any of above base sheets attached to deck with Drill-Tec™ #12 Fastener or Drill-Tec™ #14 Fastener and Drill-Tec™ 3" Steel Plate, Drill-Tec™ AccuTrac® Flat Plate or Drill-Tec™ AccuTrac® Recessed Plate 12" o.c. in 4 rows. One row is in the 2" side lap. The other rows are equally spaced approximately 9" o.c. in the field of the sheet.
(Maximum Design Pressure –60 psf. See General Limitation #7)

Any of above Base sheets attached to deck approved annular ring shank nails and 3" Drill-Tec™ insulation plates at a fastener spacing of 9" o.c. at the 4" lap staggered in two rows 9" in the field.
(Maximum Design Pressure –60 psf. See General Limitation #7)

Fastening Options: (Continued)	GAFGLAS® #75 Base Sheet or any of above base sheets attached to deck with Drill-Tec™ #12 Fastener or Drill-Tec™ #14 Fastener and Drill-Tec™ 3" Steel Plate, Drill-Tec™ AccuTrac® Flat Plate or Drill-Tec™ AccuTrac® Recessed Plate 8" o.c. in 4 rows. One row is in the 2" side lap. The other rows are equally spaced approximately 9" o.c. in the field of the sheet. ***(Maximum Design Pressure –75 psf. See General Limitation #7)***
Ply Sheet:	One or more plies of GAFGLAS® Ply 4 or GAFGLAS® #80 Ultima Base Sheet adhered in a full mopping of approved asphalt applied within the EVT range and at a rate of 20-40 lbs./sq.
Cap Sheet:	(Optional) One ply of GAFGLAS® Mineral Surfaced Cap Sheet or GAFGLAS® EnergyCap™ BUR Mineral Surfaced Cap Sheet adhered in a full mopping of approved asphalt applied within the EVT range and at a rate of 20-40 lbs./sq.
Surfacing:	**Optional on granular surfaced membranes; required for smooth membranes. Chosen components must be applied according to manufacturer's application instructions. All coatings must be listed within a current NOA.** 1. Gravel or slag applied at 400 lbs./sq. and 300 lbs./sq. respectively in a flood coat of approved asphalt at 60 lbs./sq. 2. Topcoat® Surface Seal SB applied at 1to 1.5 gal./sq.
Maximum Design Pressure:	See Fastening Options

WOOD DECK SYSTEM LIMITATIONS:

1 A slip sheet is required with GAFGLAS® Ply 4 and GAFGLAS® Flex Ply™ 6 when used as a mechanically fastened base or anchor sheet.
2. Minimum ¼" DensDeck™ Roof Board or ½" Type X gypsum board is acceptable to be installed directly over the wood deck.

GENERAL LIMITATIONS:

1. Fire classification is not part of this acceptance; refer to a current Approved Roofing Materials Directory for fire ratings of this product.
2. Insulation may be installed in multiple layers. The first layer shall be attached in compliance with Product Control Approval guidelines. All other layers shall be adhered in a full mopping of approved asphalt applied within the EVT range and at a rate of 20-40 lbs./sq., or mechanically attached using the fastening pattern of the top layer
3. All standard panel sizes are acceptable for mechanical attachment. When applied in approved asphalt, panel size shall be 4' x 4' maximum.
4. An overlay and/or recovery board insulation panel is required on all applications over closed cell foam insulations when the base sheet is fully mopped. If no recovery board is used the base sheet shall be applied using spot mopping with approved asphalt, 12" diameter circles, 24" o.c.; or strip mopped 8" ribbons in three rows, one at each sidelap and one down the center of the sheet allowing a continuous area of ventilation. Encircling of the strips is not acceptable. A 6" break shall be placed every 12' in each ribbon to allow cross ventilation. Asphalt application of either system shall be at a minimum rate of 12 lbs./sq. **Note: Spot attached systems shall be limited to a maximum design pressure of -45 psf.**
5. Fastener spacing for insulation attachment is based on a Minimum Characteristic Force (F') value of 275 lbf., as tested in compliance with Testing Application Standard TAS 105. If the fastener value, as field-tested, are below 275 lbf. insulation attachment shall not be acceptable.
6. Fastener spacing for mechanical attachment of anchor/base sheet or membrane attachment is based on a minimum fastener resistance value in conjunction with the maximum design value listed within a specific system. Should the fastener resistance be less than that required, as determined by the Building Official, a revised fastener spacing, prepared, signed and sealed by a Florida Registered Professional Engineer, Registered Architect, or Registered Roof Consultant may be submitted. Said revised fastener spacing shall utilize the withdrawal resistance value taken from Testing Application Standards TAS 105 and calculations in compliance with Roofing Application Standard RAS 117.
7. Perimeter and corner areas shall comply with the enhanced uplift pressure requirements of these areas. Fastener densities shall be increased for both insulation and base sheet as calculated in compliance with Roofing Application Standard RAS 117. Calculations prepared, signed and sealed by a Florida registered Professional Engineer, Registered Architect, or Registered Roof Consultant **(When this limitation is specifically referred within this NOA, General Limitation #9 will not be applicable.)**
8. All attachment and sizing of perimeter nailers, metal profile, and/or flashing termination designs shall conform to Roofing Application Standard RAS 111 and applicable wind load requirements.
9. The maximum designed pressure limitation listed shall be applicable to all roof pressure zones (i.e. field, perimeters, and corners). Neither rational analysis, nor extrapolation shall be permitted for enhanced fastening at enhanced pressure zones (i.e. perimeters, extended corners and corners). **(When this limitation is specifically referred within this NOA, General Limitation #7 will not be applicable.)**
10. All products listed herein shall have a quality assurance audit in accordance with the Florida Building Code and Rule 61G20-3 of the Florida Administrative Code.

Permit Records Section
Scanned by
Date 4/18/2016

END OF THIS ACCEPTANCE

Examiner	Date Time Stamp	Disp.	Trade	Stamp Name
Louis Sucky	4/18/2016 10:00:24 AM	A	ROOF	ROOF RE-ISSUE
Louis Sucky	4/18/2016 10:00:33 AM	A	ROOF	RF Revision Approved

MIAMI-DADE COUNTY APPROVED

Structural cement fiber building units are considered suitable to be included as a deck in the following Class A, B or C systems listed over C-15/32 or NC.

The use of gypsum board under any of the following Class A, B or C systems does not adversely affect the rating. The use of ½-in. minimum thick gypsum board is an acceptable alternate for minimum insulation over C-15/32 thick roof decks.

The use of polystyrene insulation board between minimum ¾-in. thick perlite board and deck with rosin paper (perlite/rosin paper/polystyrene/perlite) is a suitable alternate for polyisocyanurate board in the following Class A, B or C systems.

"EnergyGuard™ RA" or "Tapered EnergyGuard™ RA" or "EnergyGuard™ Composite RA" may be substituted for any Atlas Roofing Corp. polyisocyanurate insulation in any of the following Classifications.

Trumbull "Perma Mop" may be utilized with any of the following "Asphalt Felt Systems with Hot Roofing Asphalt".

"GAFGLAS® #80 Premium Base Sheet" may be used in any of the following systems.

"GAFGLAS® Flex Ply 6" and "Tri-Ply® Ultra-Flexible Ply 6" are suitable alternates to "GAFGLAS® Ply 6".

"GAFTEMP Permalite Recover Board" may be used in lieu of any perlite insulation in any of the following NC Classifications.

Unless otherwise indicated, any of the "Asphalt Felt Systems with Hot Roofing Asphalt" may be surfaced with "TOPCOAT® Fireshield MB" at 2½ to 3-gal/100-ft^2.

"Ruberoid® Dual Smooth" may be used as an alternate to "Ruberoid® Mop Smooth" or "Ruberoid® 20" or "Ruberoid® 20 HT".

"Ruberoid® Mop Smooth 1.5" may be used as an alternate to "Ruberoid® Mop Smooth".

Class A, B and C

Hot roofing asphalt, for use with organic and glass felts or modified bitumen membranes.

"Ruberoid® Heat Weld" SBS roofing membrane may be used in lieu of "Ruberoid® Mop" SBS products in any applicable Classification.

Class A

1. **Deck:** C-15/32 **Incline:** 3

Insulation (Optional): — One or more layers perlite or wood fiber or glass fiber or polyisocyanurate or urethane or perlite/polyisocyanurate composite or perlite/urethane composite or wood fiber/polyisocyanurate composite or phenolic, any thickness.
Ply Sheet: — Three or more plies Type G1 or "GAFGLAS® Ply 4" or "Tri-Ply® Ply 4" or "GAFGLAS® Ply 6" hot mopped.
Surfacing: — Gravel.

2. **Deck:** C-15/32 **Incline:** 2

Insulation (Optional): — One or more layers perlite or wood fiber or glass fiber or polyisocyanurate or urethane or perlite/polyisocyanurate composite or perlite/urethane composite or wood fiber/polyisocyanurate composite or phenolic, any thickness.
Ply Sheet: — Three or more plies Type G1 or "GAFGLAS® Ply 4" or "Tri-Ply® Ply 4" or "GAFGLAS® Ply 6".
Cap Sheet: — One ply Type G3 "GAFGLAS® Mineral Surfaced Cap Sheet" or "Tri-Ply® Mineral Surfaced Cap Sheet " or "GAFGLAS® EnergyCap™ BUR Mineral Surfaced Cap Sheet".

3. **Deck:** NC **Incline:** 2

Insulation (Optional): — One or more layers perlite, wood fiber, glass fiber, polyisocyanurate, urethane, perlite/polyisocyanurate composite, perlite/urethane composite, wood fiber/polyisocyanurate composite, phenolic, 2-in. maximum.
Ply Sheet: — Two or more plies Type G1 "GAFGLAS® Ply 4", "Tri-Ply® Ply 4" or "GAFGLAS® Ply 6".
Cap Sheet: — One ply Type G3 "GAFGLAS® Mineral Surfaced Cap Sheet" or "Tri-Ply® Mineral Surfaced Cap Sheet" or "GAFGLAS® EnergyCap™ BUR Mineral Surfaced Cap Sheet.

4. **Deck:** C-15/32 **Incline:** 1

Slip Sheet (Optional): — Red rosin paper, nailed to deck.
Insulation (Optional): — Any thickness perlite or wood fiber or glass fiber or polyisocyanurate mechanically fastened or adhered with OMG Inc. "Olybond Fastening System" or any UL Classified insulation adhesive.
Base Sheet: — One ply Type G2 "GAFGLAS® #75 Base Sheet" or "Tri-Ply® #75 Base Sheet" (may be nailed).
Ply Sheet: — [illegible] Type G1 "GAFGLAS® Ply 4" or "Tri-Ply® Ply 4" or "GAFGLAS® Ply 6".
Cap Sheet: — One ply Type G3 "GAFGLAS® Mineral Surfaced Cap Sheet" or "Tri-Ply® Mineral Surfaced Cap Sheet" or "GAFGLAS® EnergyCap™ BUR Mineral Surfaced Cap Sheet".
Surfacing (Optional): — "TOPCOAT® EnergyCote™ Elastomeric Coating" applied at a rate of 2-gal/100-ft^2.